856

for the materials described in the undermentioned schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Spares for Skoda Diesel Oil Engine" with the above enquiry number.

This enquiry will be closed on the 28th February 1952.

SCHEDULE.

SPARE PARTS FOR SKODA DIESEL ENGINE WITH PART NO.

	Description of article with Accurate Specifications.	F.O.R. Nanjangud.	Quantity. Nos.
1.	Governer lever pin—253	...	2
2.	Governer rod—258	...	2
3.	Oil pressure gauge—240	...	2
4.	Fuel filter insertion—244	...	2
5.	Crank shaft—85	...	2
6.	Governer rod tank—259	...	2
7.	Connecting rod small end bush—90	...	6
8.	Connecting rod big and bearing—91/92	...	6
9.	Connecting rod shim—95	...	12
10.	Piston oil scraper ring—100	...	6
11.	Pisten compression ring—99	...	24
12.	Fly wheel belt—102	...	12
13.	Fly wheel nut—102	...	12
14.	Split pin—114	...	12
15.	Main bearing (in 2 parts)—8	...	6
16.	Thrust bearing (in 2 parts)—11	...	2
17.	Main bearing shim—9	...	12
18.	Guide bearing shim—12	...	4
19.	Air intake pipe from starting Air Distributor—341	...	1
20.	Injection piping complete—316	...	2 sets
21.	Oil distributor pipe for bearing complete—305	...	2
22.	Oil pipe corner bolt M10—308	...	4
23.	Oil pipe corner bolt M8—309	...	4
24.	Oil intake pipe to oil pressure guage—310	...	1
25.	Fuel intake piping—318	...	2
26.	Leakage fuel return piping—340	...	2
27.	Outer valve spring—47	...	4
28.	Inner valve spring—47a	...	4
29.	Inlet Exhaust valve—43	...	8
30.	Valve Collar—44	...	8
31.	Valve guide—42	...	8
32.	Valve cap—46	...	8
33.	Spring washer—45	...	8
34.	Injection valve—59	...	4
35.	Injection Nozzle—60	...	4
36.	Exhaust valve rocker arm—51	...	4
37.	Inlet valve rocker arm—52	...	4
38.	Adjusting screw—56	...	8
39.	Adjusting screw nut—57	...	8
40.	Oil filter cap—28	...	1
41.	Automiser complete including injection nozzle and valve and flanges.		4
42.	Extension shaft with pulley for belt driving	...	2

N.B.—1. Quotations with firm prices will be preferred.
2. Sales-tax should be quoted separately.
3. No enhancement of price will be allowed after the acceptance of the tender.
4. Quotations will be opened at 2 p.m. on the next working day after the closing date of the enquiry.

7431

Dated 11th February 1952.

To

The Firms dealing in Electric Equipment.

Enquiry No. 10857.

Subject :—Equipment required for the Electric Laboratory.

Gentlemen,

No. S.P.C. 50407-437. Please be good enough to intimate your best prices and the earliest time of delivery for the materials described below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Equipment required for the Laboratory" with the above enquiry number.

This enquiry will be closed on the 7th March 1952.

SCHEDULE.

Equipment required for Electrical Laboratory.

		Quantity F.O.R. Hassan.
1	MOTORS AND GENERATORS.—	
	(a) Constant speed, sleeve bearing, squirrel cage induction motor, 5 h.p. 1500 rpm, 220/440v. 3 phase, 25/50 cycles, with full voltage starter with overload and undervoltage protection and start-stop pust button in the cover, coupled with a compound wound, commutating pole sleeve bearing D.C. generator rated 3 kw. 4 pole, 1500 r.p.m. 125/140 volts with generator field rheostat	One set
	(b) A.C. Synchronous generator or motor having salient pole field (0·96 kw. at 125 volts D.C. required when operating as a 3 phase generator at 0·8 p f.) with amortisseur winding rated 5 kva. (4 kw. at 0·8 p.f) (7½ h.p. at unity P.F. as synchronous motor) 6 oike 1200 r.p.m. 110/220 volts 1, 3 and 6 phase, 50 cycles, with generator field rheostat, field discharge resistor, couplo i with a compound wound, commutating pole sleeve bearing D.C. Generator 5 kw., 4 pole, 1750 r.p.m. 140 V, with field rheostat and with a 7½ h.p. 115 volt enclosed, hand operated starting and speed regulating rheostat with under voltage protection	One set
	(c) Two unit, 3 sleeve bearing, motor generator set consisting of an induction motor 2 h.p., 1,500 r.p.m. 220/440 volts, 3 phase, 25/50 cycles coupled with a compound wound D.C. generator rated 1 k,w., 1500 r p.m, 125 volts with generator field rheostat ...	One set
	(d) Eight ring synchronous converter, 4 pole, 5kw, 1500 r.p.m 150 volts, compound-wound commutating pole, 1—, 2—, 3—, or 6 phase, complete with brush raising device, field break up switch, end play device, speed limitating device, field rheostat, starting rheostat	One set
	(e) Four unit generator set consisting of two compound D.C. generators rated 1 kw. 1500 r.p.m., 125 volts each with generator field rheostat and rheostats for starting one of them as a motor coupled with a 1.5 h.p. Induction motor 3 phase 440 volts, 50 cycles, 1500 r p.m. and a 1 5 kva., 3 phase 440 volts 50 cycles A.C. Synchronous generator, all mounted and coupled on the same bed ...	One set.
	(f) D.C. electric Dynamometer 250 V., delivering 7 h.p., as a motor and absorbing 10 h.p. as a generator, 2500 to 6000 r.p.m. with control panel complete...	One set.
	(g) Two unit 4 sleeve bearing motor generator set consisting of one compound D. C. Generator rated 1 kw., 1500 r.p.m., 125 volts coupled with a series D.C. generator rated 1kw., 1500 r.p.m, 125 V. ...	One
2	SMALL MOTORS.—	
	(a) Series wound, varying speed, ball-bearing universal motor connected for counter clockwise rotation, rated ¼ h.p. 110 volts, 4500 r.p.m, full load and 14000 r.p.m. no lead for operation on either D.C. A.C.	
3	RHEOSTAT AND CONTROLLERS.—	
	(a) D.C. field rheostat 353 ohms, 1·5 to 0·7 lamps, 125 volts...	Two
	(b) Do 210 ohms, 2·8 to 1 amp. 125 volts ...	Two
	(c) Do 100 ohms, 4·5 to 1 amp. 125 volts ...	Two
	(d) Rheostats 15 ohms, 18 to 6 amps. 125 volts ...	Two
	(e) Rheostats 500 ohms, 3·5 to 0·25 amp. 125 volts ...	Two
4	TRANSFORMERS.—	
	(a) Single phase, air cooled transformers, rated each 50 cycles 3 kva. 115/230 volts primary and 115/230 volts secondary	One
	(b) Auto transformer for use with 3 wire single phase circuits rated 50 cycles 1·5 kva 220/110 volts ...	
	(c) Constant current transformer primary 230 V 50 cycles output 2 kw. at unity p.f. at 5·5 amps ..	One
5	D.C. VOLTMETERS.—	
	(a) Ten volts	One
	(b) One hundred and fifty volts	Two
	(c) Triple range 3/15/150 volts	Two
	(d) Double range 150/300 volts	Two
6	A.C. VOLTMETERS.—	
	(a) Triple range 150/300/750 V.	Two
	(b) Double range 75/150 volts	Two
	(c) Triple range 5/15/30 volts	Two
	(d) Double range 5/10 volts	Two
1	Wall mounting magnetering long distance Telephone sets. ...	Two Nos.
2	Avo-meter (major)	One
3	R.C.A. Dynamo Radio Demonstrator	One
4	Super-hetrodyne Radio Receiving set	One
5	Crystal Microphones with adjustable stands ...	Two Nos.
6	Turn table	One
7	Gramaphone pick-up	One

N.B.—1. Quotations with firm prices will be preferred.
2. Sales-Tax should be shown separately.
3. Quotations will be opened at 2 p.m. on the next day of the due date.

7486